

ABSTRACT

A countercurrent heat exchanger includes a pair of heat exchanger cores (1, 2) with multiple tubes (11, 21) and fins (12, 22) which are arranged alternatively and next to each other in its depth direction. One end sides of the tubes (11, 21) of the inflow-side heat exchanger core (1) and the outflow-side heat exchanger core (2) is connected with a U-turn intermediate tank (3), and the other end sides are connected with the inflow-side tank (4) and the outflow-side tank (5) which are separated from each other. The inflow-side tank (4), outflow-side tank (5) and intermediate tank (3) are attached to a vehicle body side so that the heat exchanger cores (1) and (2) can expand and contract with respect to the intermediate tank (3).